



Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

No.KMTH/PMC/Y-PD/2022-23/02

Date:21-07-2022

To,
The Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Project Division, Yelahanka Zone
Nh-07 Road Bangalore-92

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Sub: Regarding inspection report for the below mentioned work.

Name of work: "Package 12 1.Construction of Kempegowda Statue at Yelahanka Mini Vidhanasoudha in Kempegowda Ward No.01 of Yelahanka sub division 2. Providing and fixing stone benches to the parks in Kempegowda ward No.01 of Yelahanka sub division 3.Development of Parks comes under Attur Ward No.03 4. Fixing Stone benches to park comes under Attur Ward No.03

Item No	Description Of Work	Unit	Quantities
1	KSRB 2-2: Earth work Excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc., either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m. including breaking of clods complete as per specifications.	Cum	848.54
2	KSRRB M2100-10. Providing and laying plain cement concrete of mix 1:3:6 with opc @ 220kgs, with crushed 40mm and down side Graded grante metal coarse aggregates @0.89Cum and fine aggregates @ 0.46Cum in foundation Mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all m,aterials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	158.72
3	KSRB 5.2-3 Providing and constructing granite/ trap/ basalt size stone masonry in foundation with cement mortor 1:6, stone hammered dressed in course not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications KBS5.1.13.	Cum	108.17
4	KSRB 4-1.6; Providing and laying in position plain cement concrete of mix 1:2:4 with opc @240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @0.53cum, machine mixed , concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of materials, labour, HOM curing complete as per specifications	Cum	9.55

[Signature]
AE

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bengaluru - 92



Off & Lab :No. 8 (10/3), 4th cross, Basaveshwara Layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094
Ph.:080- 2341 8668, 23511213 Mobile: 94485 15258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
M/S Karnataka Consultancy Services is Sister Concern of KMTHPL



Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and MORT Testing, Topo Survey, & Project management Consultancy

CIN No. U74219KA2005PTC028120

GST No. 29A-KCTK-0564712

PAAN No. KACTK-0564712

5	Fabricating, providing and erecting in position of MS hot dip galvanised Sq. Hollow Poles of 132x132 heavy gauge of length 3000mm with MS. Hot dip galvanised grill work as per approved design and drawing of chief architect using 12x 75mm galvanised flat for around frame and 20x20mm galvanised forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrow head at top and bottom the work is inclusive of throughfitting flat square rods placing welding all the joints including grinding finishing 2 coats of anticorrosive paint over one coat of metal primer the rate is inclusive of all materials like MS hollow galvanised pipe flats forged square rods cost of labour for all items of work cost painting, welding, cutting, grinding with all leads and lift as per specifications including loading and unloading with cost and conveyance of all materials labours machinery and incidental charges for the successful completions of the work as per the direction of the engineer in charge of the work	Sqm	179.10
6	Fabricating, providing and erecting in position of MS hot dip galvanised Gate. Using 72x72x4.8mm Sq GI pipe frame with top pipe bending with MS. Hot dip galvanised grill work as per approved design and drawing of chief architect using 75x12mm and 50x6mm Arch galvanised flat for around frame and 20x20mm galvanised forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrow head at top and bottom the work is inclusive of throughfitting flat square rods placing welding all the joints including grinding finishing 2 coats of anticorrosive paint over one coat of metal primer the rate is inclusive of all materials like MS hollow galvanised pipe flats forged square rods cost of labour for all items of work cost painting, welding, cutting, grinding with all leads and lift as per specifications including loading and unloading with cost and conveyance of all materials labours machinery and incidental charges for the successful completions of the work as per the direction of the engineer in charge of the work	Sqm	0.00
7	providing and fixing Pre cast solid concrete kerb stones of size 450x200x400 mm made of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete as per direction of engineer incharge	Nos	1232.00
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour completed as per specifications. MORTH Chapter 8 specification No. KSRRB M800-6	Sqm	230.73
9	Providing and laying / fixing cement base precast pre polished cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement including cost of materials mortar including cutting grinding the edge to half/full round wherever required labour curing complete as per specifications.	Sqm	0.00
10	KSRRB M300-53 Construction of embankment with approved materials Gravel/Murum with all lifts and leads, transporting to site, spreading grading to required slopes and compacting to meet required table 300-2 complete as per specification including cost of gravel/ murum watering charges and compaction by vibratory roller to 95% of modified proctors density MORTH specification No.305	Cum	448.00



Off & Lab No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BANGALURU 560094

Ph.: 080- 2341 8668, 23511213 Mobile: 94485 15258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com

M/s Karnataka Consultancy Services is Sister Concern of KMTHPL

Project Division

Yelahanka Zone

BBMP, Bangalore - 92



Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1Z1 PAN No: AACCK4994Q

11	KSRRB2.6 Providing and filling sand in trenches to required depth including watering rammering with all the leads and lift complete as per specifications and direction by the engineer incharge at the site	Cum	17.52
12	KSRRB 14.6: Providing and laying heavy duty cobble stones inter lock pavers using cement and course sand for manufacture of blocks of approved size shape and colour with minimum compressive strength of 281kg per Sqm over 50mm thick sand bed and compacting with plate vibrator having 3tons compaction force there by forcing part of sand underneath to come up in between joints final compaction of pavers surface joints into its final including cost of materials labours and HOM complete as per specifications	Sqm	284.80
13	Executive Bench-Made out of Sadarahalli grey stone with hanmd supportys with 3 line finishing with arch design with 100mm slabs.Height 90x Length 1500 width 45cms.	Each	2.00
14	Supplying of dustbion for collection of dry and wet waste for segregation,(Fiber dustbin Modern type 3.0-3.75Ft)inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	0.00
15	Supply and fixing of children Play Equipment Curved structural posts of height 3.5m, and 2.7amre to be scheduloe HOT DIP Galvanized steel with a 114mm Odand 2.2mm (wall) thicknessof the tubing.The polesare welded on to a base plate made from steel with 114mm inner diameter. Handrail Dia 60mm shall bean all-robotic welded unit,fabricated from galvanized steel pipes with a baked on powder coating [using AkzoNobel INTERPON paints]finish. Swing of size 3.3m x 0.9m , Spring twirlof size 2.8m x 1.6m, Twirl of size 3.0 m x 0.7 m , Steering wheel loops of size 2.5 m x .5 m are all robotic welde fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for inner parallel bars with a baked on powder coat finish. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 of tamper resistant stainless steel. Exposed hardware shall be covered with ultra violet stabilizede plastic safety caps as per EN1176 standards as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well . Plastic Components[super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene , with color molded in and minimum thickness of 6-8mm. Inclusive of All Taxes and Transportation Charges (Data approved rate)	Each	0.00
16	Supply and fixing of children Play Equipment Fiero A swing: Shaped structural posts of heightr 2.31m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6-8mm. the rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	0.00
17	Supply and fixing of children Play Equipment Two seater seesaw: The See Saw consists of 2 poles of Dia 114mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm x 213mm x 125mm. The rates are to be inclusive of supply and installation at site.Inclusive of All Taxes and Transportation Charges	Each	0.00



Off & Lab :No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094

Ph.:080- 2341 8668, 23511213 Mobile: 94485 15258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com

M/S Karnataka Consultancy Services is Sister Concern of KMTHPL

BBMP, Bangalore - 92

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137

G S T No: 29AACCK4994Q1Z1

PAN No: AACCK4994Q

18	KSRB 2-2.1 Earth work Excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc., either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, Stackling the excavation soil clear from edges of excavation lead upto 50m after breaking of clods complete as per specification. No. KBS2.1 (a)/2.3.5	Cum	111.11
19	KSRB 4-1.2: Providing and Laying in position Plain Cement Concrete of Mix 1:3:6 with OPC cement @220kgs with 40mm and down size graded granite metal coarse aggregates @0.892 Cum and fine aggregates @0.465 Cum machine mixed concrete laid in layers not excluding 15 cms thick well compacted in foundation including cost of all materials labour HOM of machinery curing complete as per specification	Cum	6.15
20	KSRB 4-5 Providing and laying in position plain cement concrete of mix M20 with OPC cement @300kgs with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum with superplastiser @3lts confirming to IS9103-1999 Reaffirmed -2008 Machine Mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials labour HOM of machinery curing complete as per specification	Cum	3.69
21	Providing and laying flooring using prepolished water cut/gang saw 19mm thick granite laid over bed 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface including the cost of all materials and labours etc., complete as per specification using silver grey granite/ multy red/ ruby red/ Hassangreen granite of width not less than 1200mm.	Sqm	0.00
22	Providing and fixing of wall cladding using 20mm thick gang saw water cut granite in CM 1:3 propotion cut to required shape patron with paper joint finised with cement mortor using white cement and colour pigments to match the colour of the slab making through jointing with sealant making holes 25mmx12mm grooves in joint including curing etc., complete with sadarahalli granite 20mm thick gang saw with minimum width 1200	Sqm	48.61
23	Providing full noising for 20mm thick granite slab using required machinery including cost and conveyance of all materials labour for all items of work HOM of equipments etc., complete as per specifications	M	106.60
24	KSRB 4-6.1 Providing and removing centring shuttering strutting propping etc., and removing of form work for foundation footing bases of columns for mass concrete including cost of all materials labour complete as per specifications	Sqm	3.25
25	KSRB 4-6.5 Providing and removing centering shuttering Strutiing Propping etc., for columns pillars post and struts square rectangular polygon in plain including cost of all materials labour complete as per specifications.	Sqm	3.28

Signature
AE

Asst. Executive Engineer
Project Division
Yelahanka Zone



Off & Lab :No. 8 (10/3), 4th cross, Basaveswara Layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094
Ph.:080- 2341 8668, 23511213 Mobile: 94485 15258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
M/s Karnataka Consultancy Services is Sister Concern of KMTPL

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

26	KSRB 4.2.2 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.465cum with super plastisizer @3 liters confirming to is 9103-1999 reaffirmed 2008 machine mixed concrete laid in layers not exceeding 15cms thick vibrated for all work in foundation for footing pedestals retaining walls return walls walls including attached pilasters column spillars posts struts buttresses bed blocks anchor blocks & plinths etc., including cost of all materials labours HOM of machinery curing complete but excluding cost of reinforcement as per specifications	Cum	170.93
27	KSRB 4.9.2 providing T.M.T steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping and welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design cost of materials labour HOM of machinery complete as per specifications	Tn	0.99
28	KSRB15-5.1 providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to bricks masonry for base of dadoing work with sand of approved quality providing and removing scaffolding including cost of materials labour curing complete as per specifications.	Sqm	194.98
29	KSRB 13-8.3 Providing and fixing to wall Ceiling and floor medium density polyethylene pipes 6.00kgf/sq.cm working pressure 32mm outside diameter with special flange compression type fittings wall clips making good the wall ceiling and floor including cost of all materials labour charges HOM of equipments and testing complete as per specifications	m	0.00
30	Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all leads and lift etc., complete for 50mm dia	Each	0.00
31	Providing and laying fixing cement base precast pre polished cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement including cost of msterials including cutting grinding the edge to half/full round wherever required labour curing complete as per specifications	Sqm	0.00
32	supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated extruede inner sheathed galvanized steel strip confirming to IS-3975:1990 & Extruded PVC outer sheathed armoured cable with specified IS-1554 part-1:1988 & confirming to GTP of GROUP-A.4 core 10 Sqmm	m	0.00

AE

Asst. Executive Engineer
Project Division
Yelahalli Zone
BBMP, Bangalore - 92



Off & Lab :No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094
Ph.:080- 2341 8668, 23511213 Mobile: 94485 15258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
M/s Karnataka Consultancy Services is Sister Concern of KMTHPL

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

33	Supply of LED floodlight luminare with pressure die cast aluminium housing body for optimal thermal dissipation . Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate / clear glass material , delivering superior light output . Rated life Buring Hrs 50000Hr @ Lumen Maintenance of 70%, CCT>5500K , IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08 . Power Factor >0.9 with mains , Surge Protection - Min 5KV along with Over voltage / Overload , short circuit / miss-wiring protection . Compatible for pole moulting with outer dia of 40mm to 50mm . Universal voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application . Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS . UL approved MCPCB . Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools in LED Light fixture w2ith W System Power consumption .LED efficiency >130lm/w , nominal CRI > 75. Luminaire manufacture should have house facility accredited by NABL/CPRI & any Government certified agency & Design Development facility certified by ISO 9001:2008 . Housing with supplier word mark.	Each	0.00
34	Making of clay modeling as per the approved schematic sketch for the above , Making of POP negative mould as per the approved clay model , Making of FRP (Fiber Reinforced Plastic) casting master pattern for the above model , Making of Bronze Metal casting by ABC mould by silica sand process with all necessary melting process materials ,Making of hand carving/ chiseling grinding , brazing ,antic bronze oxidizing by acid process including cost of bronze ornamental finishing , Imported PU Poly utherin lacqor coating , The height of the Statue would be about 12 and supported 1 height pedestal with a weight of about 1200kgs excluding weight of MS supporting fabrication work for strengthening of statue including erection , necessary raw materials , labour , artizans work and semi artizans including erection , with all applicable taxes etc , complete as per the direction of officer in charge (Erection and transportation charges will considered separately) , complete as per the direction of engineer in charge . (Approved quotation rate)	Set	0.00
35	Transportation of above statue to the erection spot and fixing with necessary fixtures including hire charges of machineries required for transportation & erection with necessary labour , applicable taxes etc , complete as per the direction of engineer in charge . (approved quotation rate)	Nos	0.00
36	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kanker / Moorum . KSRRB M100-1: Placing tipper at loading point , loading with front end loader , dumping , turning for return trip , excluding time for haulage and return trip complete as per specifications . MORTH-100/ Chapter 1KSRRB M100-4.1 . cost of Haulage Excluding Loading and Unloading MORTH-100/VChapter 1 Case-1: Surface Road	Cum	858.08
37	Providing and fixing staines steel 304 grade for staircase railings balconies ramps with hand rail 50mm dia 16 guage hollow pipe welded to vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia stainless steel hallow horizontal pipe are welded to vertical 50mm dia hollow pipe the entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials labour HOM of machinery and electrical charges etc., complete as per specifications.	Sqm	0.00



Off & Lab :No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU-560094
 Ph.:080- 2341 8668, 23511213 Mobile: 94485 16258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
 M/s Karnataka Consultancy Services is Sister Concern of KMT HPL
 BBMP, Bangalore - 92

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1Z1 PAN No: AACCK4994Q

38	KSRRB 300-1 Earthwork excavation by manual means for roads drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	0.00
39	KSRRB 5-11 Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800kg/m ³ and having a minimum average compressive strength 5.00 N/mm ² confirming to IS 2185:2005 and constructed with Cm 1:4 as per IS 2572:2005 includeing cost of all materials labour charges scaffolding curing complete as per specification	Sqm	118.69
40	KSRRB 4-1.5 Providing and laying in position plain cement concrete of mix M20 with OPC cement @300kgs with 20mm and down size graded granite metal course aggregates @0.69cum and fine aggregates @ 0.43cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed 2008 machine mixed concrete laid in layer not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials labour HOM of machinery curing complete as per specifications	Cum	0.00
41	Supply and fixing of children Multi Play Equipment with curved slide and number panel ; Upright structural posts of height 2.4 m, 2.7 m, 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall)thickness of the tubing. All metal components are to be finished with a baked on powder coat finish. with deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel . Deck perimeter is precision pre punched for attachments . Decks are pressed , punched and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2m and dia 32mm shall be an all-robotic welded unit , fabricated from 32 O>D galvanized steel pipes with a baked powder coating finish. Curved Slide of size 1.94m x 1.85 m x 2.4 m, Panels , Toprails of Monkey loop of size 1.8m x 1.3m .Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel , deck perimeter is precision pre punched for attachments . decks are pressed , punched , and welded sand blasted and vinyl plastic coated to a thickness of 4mm.Roof of size dia 2m and height 0.82m . Spiral Slide of size 1.16m x 3.6m , Panels The rates are to be inclusive of Supply and installatiopn at site . INclusive of Taxes and Transportation Charges.	Each	0.00
42	supply and fixing of children play Equipment Puppy dog Rider / Elephant rider / Horse rider :: HDPE of size 0.83 m x 0.31m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic , copolymer , virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in " . All rotational molding is carried out in state of the art , precision , bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness , seamless joints, accurate process control , one part construction to make it stress free . Specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated , and cured , with a baked on powder coat finish . The rates are to be inclusive of supply and installation at site. Inclusive of All from aluminium which is pre-treated , and cured,with a baked on powder coat finish . The rates are to be inclusive of supply and installation at site . Inclusive of All Taxes and Transportation Charges.	Each	0.00



Off & Lab No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, BMV 2nd Stage, BANGALORE-560004
 Ph.:080-23418000/23418001/23418002/23418003/23418004/23418005/23418006/23418007/23418008/23418009/23418010/23418011/23418012/23418013/23418014/23418015/23418016/23418017/23418018/23418019/23418020/23418021/23418022/23418023/23418024/23418025/23418026/23418027/23418028/23418029/23418030/23418031/23418032/23418033/23418034/23418035/23418036/23418037/23418038/23418039/23418040/23418041/23418042/23418043/23418044/23418045/23418046/23418047/23418048/23418049/23418050/23418051/23418052/23418053/23418054/23418055/23418056/23418057/23418058/23418059/23418060/23418061/23418062/23418063/23418064/23418065/23418066/23418067/23418068/23418069/23418070/23418071/23418072/23418073/23418074/23418075/23418076/23418077/23418078/23418079/23418080/23418081/23418082/23418083/23418084/23418085/23418086/23418087/23418088/23418089/23418090/23418091/23418092/23418093/23418094/23418095/23418096/23418097/23418098/23418099/23418100/23418101/23418102/23418103/23418104/23418105/23418106/23418107/23418108/23418109/23418110/23418111/23418112/23418113/23418114/23418115/23418116/23418117/23418118/23418119/23418120/23418121/23418122/23418123/23418124/23418125/23418126/23418127/23418128/23418129/23418130/23418131/23418132/23418133/23418134/23418135/23418136/23418137/23418138/23418139/23418140/23418141/23418142/23418143/23418144/23418145/23418146/23418147/23418148/23418149/23418150/23418151/23418152/23418153/23418154/23418155/23418156/23418157/23418158/23418159/23418160/23418161/23418162/23418163/23418164/23418165/23418166/23418167/23418168/23418169/23418170/23418171/23418172/23418173/23418174/23418175/23418176/23418177/23418178/23418179/23418180/23418181/23418182/23418183/23418184/23418185/23418186/23418187/23418188/23418189/23418190/23418191/23418192/23418193/23418194/23418195/23418196/23418197/23418198/23418199/23418200/23418201/23418202/23418203/23418204/23418205/23418206/23418207/23418208/23418209/23418210/23418211/23418212/23418213/23418214/23418215/23418216/23418217/23418218/23418219/23418220/23418221/23418222/23418223/23418224/23418225/23418226/23418227/23418228/23418229/23418230/23418231/23418232/23418233/23418234/23418235/23418236/23418237/23418238/23418239/23418240/23418241/23418242/23418243/23418244/23418245/23418246/23418247/23418248/23418249/23418250/23418251/23418252/23418253/23418254/23418255/23418256/23418257/23418258/23418259/23418260/23418261/23418262/23418263/23418264/23418265/23418266/23418267/23418268/23418269/23418270/23418271/23418272/23418273/23418274/23418275/23418276/23418277/23418278/23418279/23418280/23418281/23418282/23418283/23418284/23418285/23418286/23418287/23418288/23418289/23418290/23418291/23418292/23418293/23418294/23418295/23418296/23418297/23418298/23418299/23418300/23418301/23418302/23418303/23418304/23418305/23418306/23418307/23418308/23418309/23418310/23418311/23418312/23418313/23418314/23418315/23418316/23418317/23418318/23418319/23418320/23418321/23418322/23418323/23418324/23418325/23418326/23418327/23418328/23418329/23418330/23418331/23418332/23418333/23418334/23418335/23418336/23418337/23418338/23418339/23418340/23418341/23418342/23418343/23418344/23418345/23418346/23418347/23418348/23418349/23418350/23418351/23418352/23418353/23418354/23418355/23418356/23418357/23418358/23418359/23418360/23418361/23418362/23418363/23418364/23418365/23418366/23418367/23418368/23418369/23418370/23418371/23418372/23418373/23418374/23418375/23418376/23418377/23418378/23418379/23418380/23418381/23418382/23418383/23418384/23418385/23418386/23418387/23418388/23418389/23418390/23418391/23418392/23418393/23418394/23418395/23418396/23418397/23418398/23418399/23418400/23418401/23418402/23418403/23418404/23418405/23418406/23418407/23418408/23418409/23418410/23418411/23418412/23418413/23418414/23418415/23418416/23418417/23418418/23418419/23418420/23418421/23418422/23418423/23418424/23418425/23418426/23418427/23418428/23418429/23418430/23418431/23418432/23418433/23418434/23418435/23418436/23418437/23418438/23418439/23418440/23418441/23418442/23418443/23418444/23418445/23418446/23418447/23418448/23418449/23418450/23418451/23418452/23418453/23418454/23418455/23418456/23418457/23418458/23418459/23418460/23418461/23418462/23418463/23418464/23418465/23418466/23418467/23418468/23418469/23418470/23418471/23418472/23418473/23418474/23418475/23418476/23418477/23418478/23418479/23418480/23418481/23418482/23418483/23418484/23418485/23418486/23418487/23418488/23418489/23418490/23418491/23418492/23418493/23418494/23418495/23418496/23418497/23418498/23418499/23418500/23418501/23418502/23418503/23418504/23418505/23418506/23418507/23418508/23418509/23418510/23418511/23418512/23418513/23418514/23418515/23418516/23418517/23418518/23418519/23418520/23418521/23418522/23418523/23418524/23418525/23418526/23418527/23418528/23418529/23418530/23418531/23418532/23418533/23418534/23418535/23418536/23418537/23418538/23418539/23418540/23418541/23418542/23418543/23418544/23418545/23418546/23418547/23418548/23418549/23418550/23418551/23418552/23418553/23418554/23418555/23418556/23418557/23418558/23418559/23418560/23418561/23418562/23418563/23418564/23418565/23418566/23418567/23418568/23418569/23418570/23418571/23418572/23418573/23418574/23418575/23418576/23418577/23418578/23418579/23418580/23418581/23418582/23418583/23418584/23418585/23418586/23418587/23418588/23418589/23418590/23418591/23418592/23418593/23418594/23418595/23418596/23418597/23418598/23418599/23418600/23418601/23418602/23418603/23418604/23418605/23418606/23418607/23418608/23418609/23418610/23418611/23418612/23418613/23418614/23418615/23418616/23418617/23418618/23418619/23418620/23418621/23418622/23418623/23418624/23418625/23418626/23418627/23418628/23418629/23418630/23418631/23418632/23418633/23418634/23418635/23418636/23418637/23418638/23418639/23418640/23418641/23418642/23418643/23418644/23418645/23418646/23418647/23418648/23418649/23418650/23418651/23418652/23418653/23418654/23418655/23418656/23418657/23418658/23418659/23418660/23418661/23418662/23418663/23418664/23418665/23418666/23418667/23418668/23418669/23418670/23418671/23418672/23418673/23418674/23418675/23418676/23418677/23418678/23418679/23418680/23418681/23418682/23418683/23418684/23418685/23418686/23418687/23418688/23418689/23418690/23418691/23418692/23418693/23418694/23418695/23418696/23418697/23418698/23418699/23418700/23418701/23418702/23418703/23418704/23418705/23418706/23418707/23418708/23418709/23418710/23418711/23418712/23418713/23418714/23418715/23418716/23418717/23418718/23418719/23418720/23418721/23418722/23418723/23418724/23418725/23418726/23418727/23418728/23418729/23418730/23418731/23418732/23418733/23418734/23418735/23418736/23418737/23418738/23418739/23418740/23418741/23418742/23418743/23418744/23418745/23418746/23418747/23418748/23418749/23418750/23418751/23418752/23418753/23418754/23418755/23418756/23418757/23418758/23418759/23418760/23418761/23418762/23418763/23418764/23418765/23418766/23418767/23418768/23418769/23418770/23418771/23418772/23418773/23418774/23418775/23418776/23418777/23418778/23418779/23418780/23418781/23418782/23418783/23418784/23418785/23418786/23418787/23418788/23418789/23418790/23418791/23418792/23418793/23418794/23418795/23418796/23418797/23418798/23418799/23418800/23418801/23418802/23418803/23418804/23418805/23418806/23418807/23418808/23418809/23418810/23418811/23418812/23418813/23418814/23418815/23418816/23418817/23418818/23418819/23418820/23418821/23418822/23418823/23418824/23418825/23418826/23418827/23418828/23418829/23418830/23418831/23418832/23418833/23418834/23418835/23418836/23418837/23418838/23418839/23418840/23418841/23418842/23418843/23418844/23418845/23418846/23418847/23418848/23418849/23418850/23418851/23418852/23418853/23418854/23418855/23418856/23418857/23418858/23418859/23418860/23418861/23418862/23418863/23418864/23418865/23418866/23418867/23418868/23418869/23418870/23418871/23418872/23418873/23418874/23418875/23418876/23418877/23418878/23418879/23418880/23418881/23418882/23418883/23418884/23418885/23418886/23418887/23418888/23418889/23418890/23418891/23418892/23418893/23418894/23418895/23418896/23418897/23418898/23418899/23418900/23418901/23418902/23418903/23418904/23418905/23418906/23418907/23418908/23418909/23418910/23418911/23418912/23418913/23418914/23418915/23418916/23418917/23418918/23418919/23418920/23418921/23418922/23418923/23418924/23418925/23418926/23418927/23418928/23418929/23418930/23418931/23418932/23418933/23418934/23418935/23418936/23418937/23418938/23418939/23418940/23418941/23418942/23418943/23418944/23418945/23418946/23418947/23418948/23418949/23418950/23418951/23418952/23418953/23418954/23418955/23418956/23418957/23418958/23418959/23418960/23418961/23418962/23418963/23418964/23418965/23418966/23418967/23418968/23418969/23418970/23418971/23418972/23418973/23418974/23418975/23418976/23418977/23418978/23418979/23418980/23418981/23418982/23418983/23418984/23418985/23418986/23418987/23418988/23418989/23418990/23418991/23418992/23418993/23418994/23418995/23418996/23418997/23418998/23418999/23419000/23419001/23419002/23419003/23419004/23419005/23419006/23419007/23419008/23419009/23419010/23419011/23419012/23419013/23419014/23419015/23419016/23419017/23419018/23419019/23419020/23419021/23419022/23419023/23419024/23419025/23419026/23419027/23419028/23419029/23419030/23419031/23419032/23419033/23419034/23419035/23419036/23419037/23419038/23419039/23419040/23419041/23419042/23419043/23419044/23419045/23419046/23419047/23419048/23419049/23419050/23419051/23419052/23419053/23419054/23419055/23419056/23419057/23419058/23419059/23419060/23419061/23419062/23419063/23419064/23419065/23419066/23419067/23419068/23419069/23419070/23419071/23419072/23419073/23419074/23419075/23419076/23419077/23419078/23419079/23419080/23419081/23419082/23419083/23419084/23419085/23419086/23419087/23419088/23419089/23419090/23419091/23419092/23419093/23419094/23419095/23419096/23419097/23419098/23419099/23419100/23419101/23419102/23419103/23419104/23419105/23419106/23419107/23419108/23419109/23419110/23419111/23419112/23419113/23419114/23419115/23419116/23419117/23419118/23419119/23419120/23419121/23419122/23419123/23419124/23419125/23419126/23419127/23419128/23419129/23419130/23419131/23419132/23419133/23419134/23419135/23419136/23419137/23419138/23419139/23419140/23419141/23419142/23419143/23419144/23419145/23419146/23419147/23419148/23419149/23419150/23419151/23419152/23419153/23419154/23419155/23419156/23419157/23419158/23419159/23419160/23419161/23419162/23419163/23419164/23419165/23419166/23419167/23419168/23419169/23419170/23419171/23419172/23419173/23419174/23419175/23419176/23419177/23419178/23419179/23419180/23419181/23419182/23419183/23419184/23419185/23419186/23419187/23419188/23419189/23419190/23419191/23419192/23419193/23419194/23419195/23419196/23419197/23419198/23419199/23419200/23419201/23419202/23419203/23419204/23419205/23419206/23419207/23419208/23419209/23419210/23419211/23419212/23419213/23419214/23419

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 Q & T No: 28AACCK4994Q1Z1 PAN No: AACCK4994Q

E1	KSRRB M400-17, Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on wellprepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	106.20
E2	Removing and Refixing Of Cobble Stones	Sqm	435.89
E3	Removing and resetting of kerb stones	M	226.60
E4	Providing and fixing of Ornamental Granite Pillar of overall height of 1250mm 200x200sqmm, Octagonal to a height of 820mm and carving design at bottom as shown in drawing .and 280mm respectively as per the approved Design and drawing including quarry cutting to the required size and transporting the same from quarry to work spot including loading and un loading with all lead and lift etc. complete as per design and drawing. The work shall be carried out as per design and drawing. Firmly fixed to the ground by means of properly designed foundation of size 300mm x 300mm x 300mm in 1:1.5:3 ratio cement concrete The work shall be carried out as per the engineers in charge of the work etc. and completion of the work as per directions of the Engineer-in-charge of the work.	Each	16.00
E5	KSRRB 24-7 : Cleaning and washing the old plastered wall surface with soap, soda, water including cost of materials, labour, complete as per specifications.	Sqm	4985.73
E6	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E7	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E8	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E9	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E10	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E11	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E12	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E13	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E14	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00

Off & Lab No. 4/163, 4th Floor, Basaveshwara Layout, Nithas International, 2nd Stage, BEHALURU-560004
Ph.: 080- 2341 8668, 23511213 Mobile: 94485 15258 E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com
M/S Karnataka Consultancy Services is Sister Concern of KMTHPL

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

E15	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E16	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E17	Free Standing Textured Surfaces to feel Size:- M S tubes of Height 8 ft & Width 9ft (This will be in two pieces kept in angular format with different textures.)	Each	1.00
E18	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. do- with primer	Sqm	4985.73
E19	KSRB 24-9 : Cleaning and washing of stone masonry wall surface with nitric acid including cost of materials, labour, complete as per specifications..	Sqm	809.74
E20	Cleaning glass with chemicals. including cost of materials, labour, HOM complete as per specifications.	Sqm	1028.59

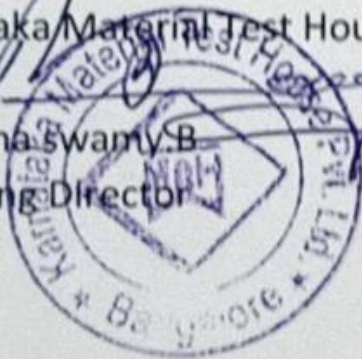
With respect to the above subject and name of work, We have inspected the work , Quantity and Quality of above mentioned Items of work was found to be satisfactorily completed for the 2nd and Final Bill.

Thanking You,

With regards

Karnataka Material Test House Pvt Ltd.,

Narayana Swamy B
Managing Director



AE

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92